

# Sikafloor Chemical Resistance Data



BUILDING TRUST

This Data Is Based On The Application Of Listed Materials To The Top Surface Of The Flooring

Chemical Name	Concentration	Sikafloor-217		
		1 Day	3 Days	7 Days
Acetic Acid	10%	B	B	B
Acetic Acid	40%	C	C	C
Acetone		B	B	B
Aluminum Chloride	20%	A	A	A
Aluminum Hydroxide	20%	A	A	A
Aluminum Sulfate	20%	A	A	A
Ammonium Hydroxide	30%	A	A	A
Ammonium Nitrate (20%)	20%	A	A	A
Antifreeze		A	A	A
Apple, Fresh Fruit		A	A	A
Benzyl Alcohol		C	C	C
Betadine		D	D	D
Blueberry, Fresh Fruit		A	A	A
Brine		A	A	A
Butter		A	A	A
Calcium Chloride	20%	A	A	A
Calcium Nitrate	20%	A	A	A
Calcium Sulfate	20%	A	A	A
Castor-Oil		A	A	A
Hydrochloric Acid	20%	B	B	B
Hydrochloric Acid	37.5%	B	B	B
Coffee		A	B	B
Detergent		A	A	A
Dibutyl Phthalate		A	A	A
Ethanol	50%	B	B	B
Ethanol	98%	B	B	B
Ethylene Glycol		A	A	A
Diesel		A	A	A
Gasoline		A	A	A
Gasoline Kerosene		A	A	A
Glycerine		A	A	A
Grape, Fresh Fruit		A	A	A
Heating Oil (seed diesel)		A	A	A
Hydraulic Oil		A	A	A
Hydrogen Peroxide 3%	3%	B	D	D
Hypochlorite	6%	B	B	B

Key: A = Resistant. B = Limited Resistance (Swelling, loss of hardness... etc.). Once the chemical is cleaned the coating will regain its properties. C = Not Resistant. D = Discoloration or loss of gloss. \* - Not applicable. Test Method: DIN 53 168 for coatings and similar finishes tested at 20°C

Chemical Name	Concentration	Sikafloor-217		
		1 Day	3 Days	7 Days
Isophoron diamin		B	B	B
Isopropanol		B	B	B
Ketchup		A	A	B
Lactic Acid	20%	C	C	C
Linseed Oil		A	A	A
Margarine		B	B	B
Milk		A	B	B
Milk (chocolate)		A	B	B
Mineral Oil (synthetic)		A	A	A
Mollasses		A	A	A
Mustard		B	B	B
Nitric Acid	70%	C	C	C
Phosphoric Acid	20%	C	C	C
Phosphoric Acid	75%	C	C	C
Orange, Fresh Fruit		A	A	A
Skydrol		C	C	C
Dish Soap Solution		A	A	A
Sodium Chloride	20%	A	A	A
Sodium Hydroxide	20%	A	A	A
Sodium Sulfate	16%	A	A	A
Sulphuric Acid	20%	B	B	B
Sukphuric Acid	98%	C	C	C
Tea		A	B	B
Tomato Sauce		A	A	A
Urine		A	A	A
Vegetable Oil		A	A	A
Vinegar	5%	B	B	B
Water (distilled cold)		A	A	A
Water Hot		A	A	A
Wine (Red)		A	B	B
Xylene		B	B	C

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